

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE SOUTH AND EAST BOUNDARIES,

A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTIONS 25 AND 35,

IN

TOWNSHIP 28 SOUTH, RANGE 8 EAST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Ronald K. Baugh
Supervisory Cadastral Surveyor

and

Ronald K. Batty
Survey Technician

Under Special Instructions dated and approved *December 8, 2006*, which provided for the surveys included under Group Number *1033*, and Assignment Instructions dated *December 8, 2006*.

Survey Commenced, *December 19, 2006*
Survey Completed, *July 19, 2007*

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INDEX DIAGRAM

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TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the south and east boundaries, a portion of the subdivisional lines, and the subdivision of sections 25 and 35, in T. 28 S., R. 8 E., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY			
All	A.D. Ferron	1883	
All		Nelson & Yundt	1952
EAST BOUNDARY			
Portion	A.D. Ferron	1883	
Portion	Moore & Clark	1932-34	
Portion		R.C. Yundt	1949
WEST BOUNDARY			
All	K.F. Hansen	1955	
NORTH BOUNDARY			
Portion	A. Nelson	1952	
Portion	K.F. Hansen	1955	
SUBDIVISION			
Portion	A.D. Ferron	1883	
Portion	A. Nelson	1952	A. Nelson 1952

TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 1033, dated December 8, 2006.

The directions of the lines were determined by references to true meridians, established by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the *Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods*, dated May 9, 2001, Version 1.0. Trimble model 5800 GPS receivers were used for field collection. Cadastral Automated Plat Drafting (CAPD) software was the primary software utilized for project calculations.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

Cadastral Control Network was derived from GPS static observations, post processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS): MARYSVALE_UT2006, CARBON COUNTY COU, and MONTICELLO_UT2006.

The geographic position of the corner of sections 25, 26, 35, and 36, T. 28 S., R. 8 E., as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: 38°20'19.512" N.,
Longitude: 111°00'31.062" W., N.A.D. 83,
Network Accuracy = 0.200 meter at 95% confidence

CHAINS

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

Dependent Resurvey of a Portion of the South Boundary,
T. 28 S., R. 8 E., Salt Lake Meridian, Utah.

Reestablishment of the Survey Executed by A.D. Ferron in 1883,
and the Resurvey Executed by A. Nelson in 1952.

Beginning at the 1/4 section corner of sections 2 and 35,
monumented with an iron post, firmly set, top of cap 14 inches
beneath ground, marked as described in the official record of the
1952 resurvey.

N. 89°33.5' W., on the south boundary of section 35.

- 39.954 True point for the corner of sections 2, 3, 34, and 35, at
proportionate distance, falls in a small canal flowing northerly,
where it is impracticable to monument.

N. 89°33.5' W., on the south boundary of section 34.

- 0.330 Point for the 1952 witness corner of sections 2, 3, 34, and 35.
There is no remaining evidence of the witness corner.
- 0.629 Point selected for the witness corner of sections 2, 3, 34, and
35.

Set and cement a 3/4 inch diameter rebar, 8 inches long, 6 inches
into sandstone face, with a 3 1/4 inch diameter aluminum cap
marked:

T28S	R8E	
S34	S35	
—		→ WC
S3	S2	
T29S		
2007		

Corner is approximately 20 feet west of Highway 24.

- 39.363 The south 1/4 section corner of section 34 only, monumented with
an iron post, 2 1/2 inches diameter, firmly set, marked as
described in the official record of the 1952 resurvey.

Dependent Resurvey of a Portion of the East Boundary,
T. 28 S., R. 8 E., Salt Lake Meridian, Utah.

Reestablishment of the Survey Executed by A.D. Ferron in 1883,
and the Resurvey Executed by R.C. Yundt in 1949.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,
TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

From the corner of sections 25, 30, 31, and 36, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 15 inches above ground, to top of cap marked as described in the official record of the 1949 resurvey.

N. 0°03.2' E., on the east boundary of section 25.

- 19.986 The S 1/16 section corner of sections 25 and 30, monumented with a broken iron post, 2 inches diameter, firmly set, with top of post 4 inches below ground.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, flush with ground, with aluminum cap marked:

S1/16
S25 | S30
2007

Corner is on a gravel road, bears northwest and southeast.

N. 0°01.2' E., beginning new measurement.

- 19.992 The 1/4 section corner of sections 25 and 30, monumented with an iron post, 2 inches diameter, firmly set, marked as described in the official record of the 1949 resurvey.
-

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 8 E., Salt Lake Meridian, Utah.

Reestablishment of the Survey Executed by A.D. Ferron in 1883, and
the Resurvey Executed by A. Nelson in 1952.

From the witness corner for the 1/4 section corner of sections 35 and 36, monumented with an iron post, 2 1/2 inches diameter, firmly set in a mound of stone 2 feet base to top, marked as described in the official record of the 1952 resurvey.

Corner is 4.2 links east of a fence extending north and south.

N. 0°45.4' W., between sections 35 and 36.

- 5.770 True point for the 1/4 section corner of sections 35 and 36, not monumented.
- 25.656 Point for the N 1/16 section corner of sections 35 and 36, not monumented.
- 45.452 The corner of sections 25, 26, 35, and 36, monumented with an iron

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 resurvey.

From the corner of sections 25, 30, 31, and 36, on the east boundary of the township, hereinbefore described.

S. 89°58.7' W., between sections 25 and 36.

- 40.113 Point for the 1/4 section corner of sections 25 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 26 inches in the ground, with aluminum cap marked:

T28S R8E
S25
1/4 ———
S36
2007

- 80.226 The corner of sections 25, 26, 35, and 36.
-

N. 0°00.5' E., between sections 25 and 26.

- 20.009 Point for the S 1/16 section corner of sections 25 and 26.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 24 inches in the ground, in a mound of stone, 3 feet base to top of aluminum cap marked:

S1/16
S26 | S25
2007

Set a steel fence post alongside the aluminum post.

- 40.018 True point for the 1/4 section corner of sections 25 and 26, not monumented.

- 40.818 The witness corner for the 1/4 section corner of sections 25 and 26, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 resurvey.
-

Reestablishment of the Survey Executed by A. Nelson in 1952.

N. 0°00.8' E., beginning new measurement.

- 39.230 True point for the corner of sections 23, 24, 25, and 26, not

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

monumented.

- 42.000 The witness corner for the corner of sections 23, 24, 25, and 26, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked as described in the 1952 survey.

From the witness corner for the 1/4 section corner of sections 24 and 25, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 survey.

N. 89°54.7' W., between sections 24 and 25.

- 5.080 True point for the 1/4 section corner of sections 24 and 25, not monumented.

- 45.225 The true point for the corner of sections 23, 24, 25, and 26.

Reestablishment of the Survey Executed by A.D. Ferron in 1883, and
the Resurvey Executed by A. Nelson in 1952.

From the true point for the corner of sections 2, 3, 34, and 35, on the south boundary of the township, hereinbefore described.

N. 0°07.5'E., between sections 34 and 35.

- 40.806 The 1/4 section corner for section 34 only, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 resurvey.

- 41.070 The 1/4 section corner for section 35 only, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 resurvey.

N. 0°01.6'E., beginning new measurement.

- 20.012 Point for the N 1/16 section corner of section 35 only.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 28 inches in the ground, with aluminum cap marked:

N1/16
| S35
2007

- 39.222 The northeast corner of section 34 only, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 resurvey.

- 40.024 The northwest corner of section 35 only, monumented with an iron

CHAINS

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 resurvey.

From the corner of sections 25, 26, 35, and 36.

N. 89°26.8' W., between sections 26 and 35.

20.184 The E 1/16 section corner for section 35 only.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 28 inches in the ground, in a collar of stone, with aluminum cap marked:

E1/16 ———
S35
2007

Set a steel fence post alongside the aluminum post.

Corner is in bottom of drainage, descending southeast.

40.033 The S 1/4 section corner of section 26 only, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 resurvey.

40.368 The N 1/4 section corner of section 35 only, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 resurvey.

N. 89°26.3' W., beginning new measurement.

20.176 Point for the W 1/16 section corner of section 35 only.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 29 inches in the ground, with aluminum cap marked:

W1/16 ———
S35
2007

39.681 The corner of sections 26 and 27, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked as described in the official record of the 1952 resurvey.

40.352 The northwest corner of section 35.

The Subdivision of Section 25,
T. 28 S., R. 8 E., Salt Lake Meridian, Utah.

From the 1/4 section corner of sections 25 and 36.

THE SUBDIVISION OF SECTION 25,
TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. $0^{\circ}02.4'$ E., on the N-S centerline of section 25.

20.000 Point for the center S $1/16$ section corner of section 25.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 29 inches in the ground, with aluminum cap marked:

$$\begin{array}{ccc} & C & \\ S1/16 & | & S25 \\ & C & \end{array}$$

Set a steel fence post alongside the aluminum post.

Corner is at base of west facing clay ridge.

40.000 True point for the center $1/4$ section corner of section 25, at intersection with the E-W centerline, falls on steep, clay slope with underlying rock, where it is impractical to monument.

79.971 True point for the $1/4$ section corner of section 24 and 25.

From the $1/4$ section corner of sections 25 and 30, on the east boundary of the township.

N. $89^{\circ}59.6'$ W., on the E-W centerline of section 25.

40.107 True point for the center $1/4$ section corner of section 25.

41.950 Point selected for the witness corner for the center $1/4$ section corner of section 25.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 28 inches in the ground, with aluminum cap marked:

$$\begin{array}{ccc} T28S & R8E & \\ C1/4 & S25 \rightarrow & WC \\ & 2007 & \end{array}$$

80.238 True point for the $1/4$ section corner of section 25 and 26.

From the S $1/16$ section corner of sections 25 and 30, on the east boundary of the township, hereinbefore described.

S. $89^{\circ}59.9'$ W., on the E-W centerline of the SE $1/4$ of section 25.

40.119 The center S $1/16$ section corner of section 25.

S. $89^{\circ}59.5'$ W., on the E-W centerline of the SW $1/4$ of section 25.

40.122 The S $1/16$ section corner of sections 25 and 26.

CHAINS

THE SUBDIVISION OF SECTION 35,
TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

The Subdivision of Section 35,
T. 28 S., R. 8 E., Salt Lake Meridian, Utah

From the corner of sections 2 and 35, on the south boundary of the township, hereinbefore described.

N. 0°21.5' E., on the N-S centerline of section 35.

- 41.113 Point for the center 1/4 section corner of section 35, at intersection with the E-W centerline, not monumented.
- 61.057 True point of the center N 1/16 section corner of section 35, falls on a steep south-southeast slope, where it is impractical to monument.
- 81.001 The N 1/4 section corner of section 35 only.

From the true point for the 1/4 section corner of sections 35 and 36.

N. 89°37.4' W., on the E-W centerline of section 35.

- 20.571 Point for the center E 1/16 section corner of section 35, not monumented.
- 41.142 The point for the center 1/4 section corner of section 35.
- 61.203 Point for the center W 1/16 section corner of section 35.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 24 inches in the ground, with aluminum cap marked:

T28S R8E
W 1/16
C——C
S35
2007

Set a steel fence post alongside the aluminum post.

Corner is in a cultivated field, 300 feet east of a road, bears north and south.

- 81.264 The W 1/4 section corner of section 35 only.

From the point for the center E 1/16 section corner of section 35.

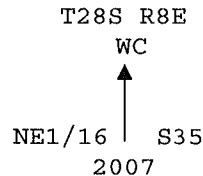
N. 0°11.9' W., on the N-S centerline of the NE 1/4.

THE SUBDIVISION OF SECTION 35,
TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

- 19.371 Point selected for the witness corner for the NE 1/16 section corner of section 35.

Set an aluminum cap, 30 inches long, 2 1/2 inches diameter, over a magnet, 28 inches in the ground, with aluminum cap marked:



Set a steel fence post alongside the aluminum post.

The witness corner falls on the south edge of a dirt road, bears east and west.

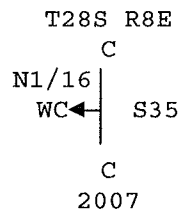
- 19.914 True point for the NE 1/16 section corner of section 35, at intersection with the E-W centerline of the NE 1/4, falls on a steep slope, where it is impracticable to monument.
- 39.828 The E 1/16 section corner of section 35 only.

From the point for the N 1/16 section corner of section 35 and 36.

N. 89°32.1' W., on the E-W centerline of the NE 1/4.

- 20.377 True point for the NE 1/16 section corner of section 35.
- 40.202 Point selected for the witness corner for the center N 1/16 section corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 26 inches in the ground, with aluminum cap marked:



Set a steel fence post alongside aluminum post.

Corner is on a south-southeast finger ridge line of the Clay Hills.

- 40.754 The true point for the center N 1/16 section corner of section 35.

THE SUBDIVISION OF SECTION 35,
TOWNSHIP 28 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

From the center W 1/16 section corner of section 35.

N. 0°11.6' E., on the N-S centerline of the NW 1/4.

- 19.978 Point for the NW 1/16 section corner of section 35, at the intersection with the E-W centerline of the NW 1/4.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 24 inches in the ground, with aluminum cap marked:

T28S R8E
NW 1/16 S35
2007

Set a steel fence post alongside the aluminum post.
Corner is southwest of a ridge of gray hill, bears north and south.

- 39.956 The W 1/16 section corner of section 35 only.
-

From the true point for the center N 1/16 section corner of section 35.

N. 89°31.9' W., on the E-W centerline of the NW 1/4.

- 20.119 The NW 1/16 section corner of section 35.

- 40.238 The N 1/16 section corner of section 35 only.
-

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Adrian M. Kurip	Survey Technician
Daniel T. Gillins	Survey Technician
Calvert C. Norton	Survey Technician

CERTIFICATE OF SURVEY

We, **Ronald K. Baugh, Supervisory Cadastral Surveyor, and Ronald K. Batty, Survey Technician**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the **8th day of December, 2006**, we have executed a **dependent resurvey of a portion of the south boundary, a portion of the east boundary, a portion of the subdivisional lines, and the subdivision of sections 25 and 35 in Township 28 South, Range 8 East,**

of the **Salt Lake Meridian**, in the State of **Utah**, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

Aug. 13, 2010
Date

Ronald K. Baugh
(Cadastral Surveyor)

Aug 13 2010
Date

Ronald K. Batty
(Survey Technician)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt lake City, Utah

The foregoing field notes of the **dependent resurvey of a portion of the south boundary, a portion of the east boundary, a portion of the subdivisional lines, and the subdivision of sections 25 and 35, in Township 28 S., Range 8 E., Salt Lake Meridian, Utah,**

executed by **Ronald K. Baugh, Supervisory Cadastral Surveyor, and Ronald K. Batty, Survey Technician**, having been critically examined and found correct, are hereby approved.

August 25, 2010
Date

Daniel W. Webb
Chief Cadastral Surveyor for Utah